

M186Plus/ML280eco
RSPL
(PD431)
OEL/ODA/AOS向け
D23320A/B, D23321B, D23310A

Related drawings

Bom		Use for		Certification Body	
Rev	Date	DCO No.	Contents	Design	Approval
4	2018-10-01	SY9-5951	Change of notes	Masaaki Sato	Masayuki Ito
5	2019-11-05	SM6-3036	Addition of Power Supply Unit	Kae Anzai	Toshihiro Ohtaki
6	2020-04-10	SM6-3157	Change of Power Supply Unit	Kae Anzai	Toshihiro Ohtaki
7	2020-10-01	SM6-3247	Add Print Unit No.14 for T&T	Hiromi Kusunoki	Toshihiro Ohtaki
8	2020-12-10	SM6-3160	Change of Line feed motor.	Masayuki Ito	Toshihiro Ohtaki
Approv	Tetsuya Kitabatake		Design	Masaaki Sato	
Check				Name	
				Recom. spare part. 1st	
Date	2017-04-21		Oki Data Corporation	Drawing No.	42590033TR

Applicable

Part No.	Printer Series	Destination	Voltage	Model No.	Note
42590033	ML280eco OEL 230V	OEL	230	D23320B	ODC standard
42590034	ML280eco AOS 230V	AOS	230	D23320B	↑
42590041	ML280eco AUS 230V	AOS	230	D23320B	ODC standard
42590045	ML280eco T&T 230V	T&T	—	D23330E	ODC standard
42590046	ML186 Plus ODA 120V Par	ODA	120	D23320A	↑
42590047	ML186 Plus ODA 230V Par	ODA	230	D23321B	↑
42590048	ML186 Plus ODA 120V Ser	ODA	120	D23320A	↑
42590049	ML186 Plus ODA 230V Ser	ODA	230	D23321B	↑
42590050	ML186 Plus ODA 120V Par DELL	ODA	120	D23320A	DELL color
42590051	ML186 Plus ODA 120V Ser DELL	ODA	120	D23320A	↑
42590052	ML186 Plus ODA 120V Ser (EDW)	ODA	120	D23320A	ODC standard
42590053	ML186 Plus ODA 230V Ser (EDW)	ODA	230	D23321B	↑
42590054	ML186 Plus ODA 120V Par DELL	ODA	120	D23320A	DELL color
42590055	ML280eco OEL 230V Ser	OEL	230	D23320B	ODC standard
42590058	ML280eco AOS 230V	AOS	230	D23320B	↑
42590059	ML280eco AUS 230V	AOS	230	D23320B	↑
42590066	ML186 Plus ODA 120V Par	ODA	120	D23310A	ODC standard
42590068	ML186 Plus ODA 120V Ser	ODA	120	D23310A	ODC standard
42590070	ML186 Plus ODA 120V Par DELL	ODA	120	D23310A	DELL color
42590071	ML186 Plus ODA 120V Ser DELL	ODA	120	D23310A	↑
42590074	ML186 Plus ODA 120V Par DELL	ODA	120	D23310A	↑
3 42590072	ML186 Plus ODA 120V Ser	ODA (UTC)	120	D23310A	ODC standard

Rev	Unit Name	No.	Part No.	Part Name	Q'ty /Unit	Recommended Q'ty/Year			Remarks	Special	Del/ Add	Remar ks for enviro nment
						per 500	per 1000	per 2000				
	Print Unit	2	42014604	Upper cover (Calked)	1	3	6	12	3.5Y8/0.5 ODA	for 120V (Dropper)		—
	Print Unit	2	42014605	Upper cover (Calked)	1	3	6	12	3.5Y8/0.5 ODA/DEL/AOS	for 120V/230V (Switching)		—
	Print Unit	2	42014606	Upper cover (Calked)	1	3	6	12	0.7P2.3/1.0 ODA (DELL)	for 120V (Dropper)		—
	Print Unit	2	42014607	Upper cover (Calked)	1	3	6	12	0.7P2.3/1.0 ODA (DELL)	for 120V/230V (Switching)		—
	Print Unit	2	42014608	Upper cover (Calked)	1	3	6	12	5PB1.6/0.3 OEL (T&T)			—
	Print Unit	3	42014801	DIP switch cover	1	3	6	12	3.5Y8/0.5			—
	Print Unit	3	42014802	DIP switch cover	1	3	6	12	0.7P2.3/1.0 DELL (ODA)			—
	Print Unit	4	42594601	Cover Assy.- Access (affixed)	1	3	6	12	3.5Y8/0.5			—
	Print Unit	4	42594603	Cover Assy.- Access (affixed)	1	3	6	12	0.7P2.3/1.0 DELL (ODA)			—
	Print Unit	4	42178701	Cover-Access (Tractor)	1	3	6	12	3.5Y8/0.5 Option			—
	Print Unit	4	42178702	Cover-Access (Tractor)	1	3	6	12	0.7P2.3/1.0 Option DELL (ODA)			—
	Print Unit	5	40673402	Platen knob	1	3	6	12	PMS Cool Gray 70			—
	Print Unit	5	40673403	Cover-	1	3	6	12	Black DELL (ODA)			—
	Print Unit	7	42316601	P Tight Screw	2	1	2	4	L=16mm			G
	Print Unit	8	42666401	Dot head-9pin	1	9	18	36				G
	Print Unit	9	44164803	CONN Cord-Wire-PWR unit	1	3	6	12				—
	Print Unit	10	PA4025-2633G001	Pin tractor assy	1	3	6	12	Option			G
	Print Unit	11	PB4025-1130P001	Tractor Cover	1	3	6	12	Option			—
	Print Unit	12	42017901	Sheet separator assembly	1	3	6	12	3.5Y8/0.5			—
	Print Unit	12	42017902	Sheet separator assembly	1	3	6	12	0.7P2.3/1.0 DELL (ODA)			—
	Print Unit	13	42593810	Mechanical Unit	1	—	—	—	3.5Y8/0.5 ODA	for ODA 120V (Dropper)		—
	Print Unit	13	42593811	Mechanical Unit	1	—	—	—	3.5Y8/0.5 ODA	for ODA 230V (Switching)		—
	Print Unit	13	42593812	Mechanical Unit	1	—	—	—	3.5Y8/0.5 OEL	for OEL 120V/230V (Switching)		—
	Print Unit	13	42593813	Mechanical Unit	1	—	—	—	0.7P2.3/1.0 ODA (DELL)	for ODA (DELL) 120V (Dropper)		—
	Print Unit	13	42593814	Mechanical Unit	1	—	—	—	0.7P2.3/1.0 ODA (DELL)	for ODA (DELL) 120V/230V (Switching)		—
	Print Unit	13	42593815	Mechanical Unit	1	—	—	—	5PB1.6/0.3 OEL (T&T)			—
7	Print Unit	14	46611903	OR-	1	3	6	12	ODA/ODA (UTC) /OEL/AOS			—
7	Print Unit	14	46611904	LAF-PCB Assy.	1	3	6	12	T&T			A
4	Print Unit	15	46612901	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590048, 42590049, 4 2590051, 42590052, 42590 053 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612902	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590068, 42590071, 4 2590072 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612903	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590055, 42590058, 4 2590059 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612904	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590046, 42590047, 4 2590050 For the details of printer series, please refer to the Applicable sheet.		—

Rev	Unit Name	No.	Part No.	Part Name	Q'ty /Unit	Recommended Q'ty/Year			Remarks	Special	Del/ Add	Remarks for environment
						per 500	per 1000	per 2000				
4	Print Unit	15	46612905	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590066, 42590070 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612906	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590033, 42590034, 42590041 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612907	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590045 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612908	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590054 For the details of printer series, please refer to the Applicable sheet.		—
4	Print Unit	15	46612909	RES-PCB Assy. maintenance spec.	1	3	6	12		Use for No. 42590074 For the details of printer series, please refer to the Applicable sheet.		—
	Print Unit	16	42559901	PWR unit-ACDC DROP (120V)	1	3	6	12	120V			G
6	Print Unit	16	44495701	PWR unit (Spare Parts 100V)	1	3	6	12		for Switching 120V	D	—
6	Print Unit	16	44495703	PWR unit (Spare Parts 100V)	1	3	6	12		for Switching 120V	A	—
6	Print Unit	16	44495702	PWR unit (Spare Parts 200V)	1	3	6	12		for Switching 230V	D	—
6	Print Unit	16	44495704	PWR unit (Spare Parts 200V)	1	3	6	12		for Switching 230V	A	—
4	Print Unit	17	46611501	OR-Board Assy-RER	1	3	6	12		Use for No. 42590066, 42590068, 42590070, 42590071, 42590072, 42590074 For the details of printer series, please refer to the Applicable sheet.		—
	Print Unit	18	44591104	CONN Cord-Wire AC INLET-SW	1	3	6	12	For Switching 120/230V			—
	Print Unit	19	42639503	Label-Logo (ML186)	1	3	6	12	For ML186Plus (ODA)	for Dropper (120V) & Switching (120V/230V)		—
	Print Unit	19	42639502	Label-Logo (ML186) EDWARDS	1	3	6	12	For ODA (EDWARDS)			
	Print Unit	19	42589202	Label-Logo (ML280ELite)	1	3	6	12	For ML280eco (OEL/AOS)	for Switching (230V)		—
	Printer Mechanism	1	42612502	Base-Frame	1	1	2	4				—
	Printer Mechanism	2	41766301	Platen assembly	1	3	6	12				G
	Printer Mechanism	3	PA4025-1027G005	Paper chute assembly	1	3	6	12				—
	Printer Mechanism	5	41996701	Bottom paper guide assembly	1	5	10	20				G
	Printer Mechanism	6	41858101	Near end bracket	1	1	2	4				—
	Printer Mechanism	7	PB4025-1039P001	Near end lever	1	3	6	12				—
	Printer Mechanism	8	PB4025-1040P001	Bottom near end lever	1	3	6	12				—
	Printer Mechanism	9	46605001	Frame-Carriage-set	1	3	6	12				—
	Printer Mechanism	10	PP4025-1048P001	Head clamp	1	3	6	12				—
	Printer Mechanism	12	42594301	Feed Gear Assy. - Ribbon	1	3	6	12				—
	Printer Mechanism	13	PB4044-5125P001	15Pin connector	1	3	6	12				G
	Printer Mechanism	14	PB4025-1088P001	Slider	1	5	10	20				—
	Printer Mechanism	16	42585601	Cable-Retainer	1	1	2	4				—
	Printer Mechanism	17	46599901	Space-Motor-Assy	1	5	10	20				—
	Printer Mechanism	18	42128801	Carriage shaft	1	3	6	12				G
	Printer Mechanism	19	PB4025-1090P001	Main shaft screw	2	2	4	8				G
	Printer Mechanism	20	42594401	Shaft Assy.-Indicator	1	3	6	12	PMS Cool Gray 7C			G

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	Printer Mechanism	20	42594403	Shaft Assy.-Indicator	1	3	6	12	Black DELL (ODA)			G
	Printer Mechanism	22	PB4025-1097P001	Front pressure spring (R)	1	5	10	20				-
	Printer Mechanism	23	PB4025-1139P001	Front pressure spring (L)	1	5	10	20				-
8	Printer Mechanism	28	42581701	Motor-Pulse_LF	1	5	10	20			D	G
8	Printer Mechanism	28	47364001	Motor Assy.-LF	1	5	10	20			A	
	Printer Mechanism	29	PB4025-1106P001	Tension spring	1	3	6	12				-
	Printer Mechanism	30	PB4025-1107P001	Release post	1	3	6	12				G
	Printer Mechanism	31	PB4025-1108P001	Release link (FRONT)	1	3	6	12				-
	Printer Mechanism	32	PB4025-1109P001	Release link (REAR)	1	3	6	12				-
	Printer Mechanism	33	PB4025-1110P001	Release link	1	3	6	12				-
	Printer Mechanism	34	42014501	Release lever	1	3	6	12	PMS Cool Gray 7C			-
	Printer Mechanism	34	42014502	Release lever	1	3	6	12	Black DELL (ODA)			-
	Printer Mechanism	35	42583701	Stopper-Rubber	1	3	6	12				-
	Printer Mechanism	36	PB4025-1159P001	Grommet	4	3	6	12				-
	Printer Mechanism	37	42587201	Space_Rack	1	5	10	20				-
	Printer Mechanism	38	42559201	Film-Head_Cable	1	3	6	12				-
	Printer Mechanism	39	42598301	Sensor Assy.-bail	1	10	20	40	OEL, AOS			G
	Printer Mechanism	40	42594006	Cover-Lower Assy	1	3	6	12	3.5Y8/0.5 ODA	for 120V (Dropper)		-
	Printer Mechanism	40	42594007	Cover-Lower Assy	1	3	6	12	3.5Y8/0.6 ODA/OEL	for 120V/230V (Switching)		-
	Printer Mechanism	40	42594008	Cover-Lower Assy	1	3	6	12	0.7P2.3/1.0 DELL (ODA)	for 120V (Dropper)		-
	Printer Mechanism	40	42594009	Cover-Lower Assy	1	3	6	12	0.7P2.3/1.0 DELL (ODA)	for 120V/230V (Switching)		-
	Printer Mechanism	40	42594010	Cover-Lower Assy	1	3	6	12	5PB1.6/0.3 T&T (OEL)			-
	Printer Mechanism	41	PP4025-1152P001	Washer	4	3	6	12				G
	Printer Mechanism	42	PB4083-5670P013	P Tight Screw	4	1	2	4	L=12mm			G
2	Printer Mechanism	43	46612101	SUMI-Card(Head)Assy	1	10	20	40	Except for T&T			-
2	Printer Mechanism	44	46612201	SUMI-Card(OP)Assy	1	10	20	40	Except for T&T			-
	Printer Mechanism	45	42612701	Pressure_Roller_Lever (L)	1	3	6	12	PMS Cool Gray 7C			-
	Printer Mechanism	45	42612702	Pressure_Roller_Lever (R)	1	3	6	12	Black DELL (ODA)			-
	Printer Mechanism	46	42014401	Pressure roller lever (R)	1	3	6	12	PMS Cool Gray 7C			-
	Printer Mechanism	46	42014402	Pressure roller lever (R)	1	3	6	12	Black DELL (ODA)			-
4	Printer Mechanism	47	43390803	CONN Cord-RS232C	1	3	6	12		Use for 42590048, 42590049, 42590051, 42590052, 42590053, 42590055, 42590068, 42590071, 42590072 For the details of printer series, please refer to the Applicable sheet.		-
2	Printer Mechanism	48	46969401	Cable-Assy	1	10	20	40	for T&T			
	Pin Tractor Unit	1	PA4025-2636G001	PIN TRACTOR (R) ASSY	1	3	6	12	Option			-
	Pin Tractor Unit	2	PA4025-2642G001	PIN TRACTOR (L) ASSY	1	3	6	12	Option			-